

Amendments to the Claims:

1. (Currently Amended) A mechanical structure presenting at least one vibratory property, the structure being constituted at least in part by a honeycomb type panel comprising two outside plates with an array of cells disposed between them, the structure presenting at least one element for modifying said vibratory property, which element is made of a flexible and heavy polymer containing filled with a filler material, and wherein at least some of said cells are filled with said flexible polymer and secured to a region of the structure, and the flexible and heavy filler-containing polymer presents specific gravity lying in the range 3 to 10 and said element is secured to a region of the structure.

2. (Previously Presented) A structure according to claim 1, wherein said polymer has a modulus lying in the range  $10^4$  Pa to  $10^7$  Pa.

3. (Original) A structure according to claim 1, wherein the polymer is polyurethane, silicone, natural rubber, or synthetic rubber.

4. (Previously Presented) A structure according to claim 1, wherein the filler material comprises metal and/or mineral particles.

5-8 (Cancelled)

9. (Previously Presented) A structure according to claim 1, wherein said polymer has a modulus lying in the range  $10^5$  Pa to  $10^6$  Pa.

10. (Previously Presented) A structure according to claim 1, wherein said filler material has a specific gravity in the range of 3 to 18.

11. (Previously Presented) A structure according to claim 1, wherein said filler material has a particle size in the range of 10 to 2000 micrometers.